PERMIT TO OPERATE

NCU 060-12

THE PACIFIC LUMBER COMPANY
SCOTIA, CA

JULY 20, 1998

N O R T H C O A S T U N I F I E D
A I R Q U A L I T Y
M A N A G E M E N T D I S T R I C T

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NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT

PERMIT TO OPERATE

NCU 060-12

THE PACIFIC LUMBER COMPANY

LEGAL OWNER OR OPERATOR: The Pacific Lumber Company
PO Box 37
Scotia, CA 95565
Responsible Official: John Campbell
Plant Contact: John Prevost
707/764-2222

BUSINESS ACTIVITY: A lumber manufacturing complex consisting of sawmills, remanufacturing mills and a power production plant.

EQUIPMENT LOCATED AT: The plant is located in the northwestern portion of California within the County of Humboldt and is about 25 miles to the south of Eureka, the County seat and is located at the town of Scotia, a Pacific Lumber Company owned town. Scotia is located adjacent to highway 101 and in an Eel River drainage canyon.

Whereas a timely application for a Permit to Operate has been made by The Pacific Lumber Company (hereinafter called the Permittee) pursuant to Regulation 5 (implementation of federal Title V operating permits) of the Rules and Regulations of the North Coast Unified Air Quality Management District (hereinafter called the District), and said application has been reviewed and found complete by the Air Pollution Control Officer of said District (hereinafter referred to as the Control Officer or NCUAQMD).

Unless otherwise noted, all requirements in this PERMIT are federally enforceable. All previous operating permits and Authority to Construct(ATC) permits issued by the District or the USEPA are rescinded upon issuance of this PERMIT.

This is your Permit to Operate (hereinafter called PERMIT) subject to the following terms and conditions:

LIST OF ABBREVIATIONS

Administrator	Administrator of the Environmental Protection Agency
Act	Clean Air Act
CARB	California Air Resources Board
CEMS	continuous emissions monitoring system
CFR	Code of federal regulations
CO	carbon monoxide
CO_2	carbon dioxide
dscf	dry standard cubic foot
deg. F	degrees Fahrenheit
DEQ	Department of Environmental Quality
District	North Coast Unified Air Quality Management District
EPA	U.S. Environmental Protection Agency
gpm	gallons per minute
gr/acf	grains per actual cubic foot
gr/dscf	grains per dry standard cubic foot
lbs/hr	pounds per hour
MMBtu	million British thermal units
NOx	nitrogen oxides
NSPS	New Source Performance Standards
O_2	oxygen
pH	hydrogen ion concentration in a solution
ppmv	parts per million by volume
PSD	Prevention of Significant Deterioration
tpy	tons per year
unit	single emissions unit

PERMIT UNITS
A. Combustion Processes

(1) Permit Number - NS-074(Steam Generator).
Name - Boiler A

I. BASIC EQUIPMENT - The permittee operates a 150,000 pounds steam per hour (235 million Btu/hr heat input) boiler manufactured by Riley Stoker Company. A 90 million Btu/hr diesel oil burner is used to supply heat for startups.

II. CONTROL EQUIPMENT - Particulate matter is controlled with multiple cyclones followed by an electrostatic precipitator manufactured by General Electric Co. The unit has three separate transformer/rectifier fields and a collection plate area of 42,120 sq.ft. Two of the fields are rated at 50 KVA and one at 35 KVA. A forced overfire air system is utilized to help control gaseous emissions.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading - The permittee shall not discharge particulate matter into the atmosphere in excess of 0.04 pounds per million Btu of heat input[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

2. Visible emissions - The permittee shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The opacity standard applies at all times except during periods of startup, shutdown, or malfunction[40 CFR 60.43b(f)[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

B. Carbon Monoxide - The permittee shall not discharge carbon monoxide into the atmosphere in excess of 0.60 pounds per million Btu of heat input on a 3-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

C. Nitrogen Oxides - The permittee shall not discharge nitrogen oxides (as nitrogen dioxide) into the atmosphere in excess of 0.15 pounds per million Btu of heat input on a 3-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - CARB Method 5 or other EPA approved method.

The permittee shall be required to have particulate matter from the boiler tested once per calendar year. If the compliance test result is less than one-half the permitted limit, then the next year compliance test may be waived by the District[Regulation 1, Rule 240(d)].

2. Visible Emissions - The permittee shall operate at all times a continuous opacity monitoring system(COMS)[40 CFR 60.48b(a)].

a. 40 CFR 60, Appendix B, Performance Specification 1 shall be the basis for the operation of the COMS[40 CFR 60.49b(b)].

3. Carbon Monoxide and Nitrogen Oxides - CARB Method 100 or other EPA approved method.

No later than July 1, 1999, the permittee shall install, operate at all times and maintain a continuous emissions monitoring system(CEMS) for the determination of carbon monoxide, nitrogen oxides and oxygen from the boiler. The CEMS shall be operated in conformance with 40 CFR, Part 60, Appendix B, Performance Specifications, and Appendix F, Quality Assurance Procedures[Regulation 1, Rule 240(d)].

Monitoring shall be conducted in accordance with 40 CFR Part 60.13 unless a more restrictive requirement is contained in the permit.

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. The permittee shall maintain data on the operation of the boiler which shall include the temperature, pressure and flow of steam production[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

B. The permittee shall maintain records of opacity 6-minute averages[40 CFR 60.49b(f)].

C. The permittee shall report all occurrences of excess emissions to the District in accordance with the timing requirements of Regulation 1, Rule 540, Equipment Breakdown[Regulation 1, Rule 240(d)].

D. Beginning July 1, 1999 a monthly report of the daily and monthly averages of carbon monoxide, nitrogen oxides, and oxygen emissions shall be submitted to the District with the monthly monitoring report required in General Provisions section F.6.[Regulation 1, Rule 240(d)].

E. The permittee shall maintain records of the hourly, daily and monthly averages for carbon monoxide, nitrogen oxides, and oxygen beginning July 1, 1999[Regulation 1, Rule 240(d)].

F. The permittee shall maintain diesel oil fuel usage information in order to calculate the annual capacity factor[40 CFR 60.49b(d)].

G. The permittee shall maintain a log of the nitrogen content of the diesel oil received as fuel for the boiler. Nitrogen content shall be measured using the most current ASTM method, by methods approved by the District, or as certified by the supplier[40 CFR 60.44b(k)].

H. The permittee shall maintain a log of the amount, type of paper, date and time of any paper wastes burned in the boiler.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The boiler shall be fired only with wood wastes, diesel oil and paper wastes. Wood waste means sawmill or lumber wastes, or vegetation which are not treated with any chemicals. Painted wood is allowable provided that the paint is tested for lead. Lumber painted with lead based paints shall not be burned in the boiler. Paper wastes means newspaper, cardboard and any other paper excluding mixed paper from magazines or junk mail, or glossy paper waste. Paper waste use may not exceed 1 ton per day and must be less than 10% of the volume of the wastes burned in the boiler in a hour[Regulation 1, Rule 240(d)].

B. The steam production from the boiler shall not exceed 150,000 pounds per hour, or in excess of 370,000 pounds per hour total for Boiler A, Boiler B and Boiler C on a monthly average basis[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

C. The permittee shall continuously operate and maintain an electrostatic precipitator on the exhaust of the boiler[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

D. The permittee shall not combust diesel oil with a nitrogen content greater than 0.30% by weight[40CFR 60.44b(k)].

E. The annual capacity factor for diesel oil shall not exceed 10% for a calendar year[40 CFR 60.44b(k)]. This equates to a limitation of 1.47 million gallons of diesel oil per calendar year. The annual capacity factor for diesel oil is determined by dividing the actual heat input to the steam generating unit during the calendar year from the combustion of diesel oil, by the potential heat input to the steam generating unit if the steam generating unit had been operated for 8,760 hours at the maximum design heat input capacity[40 CFR 60.43b(e)].

(2) Permit Number - **NS-075(Steam Generator).**
Name - Boiler B

I. BASIC EQUIPMENT - The permittee operates a 150,000 pounds steam per hour (235 million Btu/hr heat input) boiler manufactured by Riley Stoker Company. A 90 million Btu/hr diesel oil burner is used to supply heat for startups.

II. CONTROL EQUIPMENT - Particulate matter is controlled with multiple cyclones followed by an electrostatic precipitator manufactured by General Electric Co. The unit has three separate transformer/rectifier fields and a collection plate area of 42,120 sq.ft. Two of the fields are rated at 50 KVA and one at 35 KVA. A forced overfire air system is utilized to help control gaseous emissions.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading - The permittee shall not discharge particulate matter into the atmosphere in excess of 0.04 pounds per million Btu of heat input[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

2. Visible emissions - The permittee shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The opacity standard applies at all times except during periods of startup, shutdown, or malfunction[40 CFR 60.43b(f)[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

B. Carbon Monoxide - The permittee shall not discharge carbon monoxide into the atmosphere in excess of 0.60 pounds per million Btu of heat input on a 3-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

C. Nitrogen Oxides - The permittee shall not discharge nitrogen oxides (as nitrogen dioxide) into the atmosphere in excess of 0.15 pounds per million Btu of heat input on a 3-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - CARB Method 5 or other EPA approved method.

The permittee shall be required to have particulate matter from the boiler tested once per calendar year. If the compliance test result is less than one-half the permitted limit, then the next year compliance test may be waived by the District[Regulation 1, Rule 240(d)].

2. Visible Emissions - The permittee shall operate at all times a continuous opacity monitoring system(COMS)[40 CFR 60.48b(a)].

a. 40 CFR 60, Appendix B, Performance Specification 1 shall be the basis for the operation of the COMS[40 CFR 60.49b(b)].

3. Carbon Monoxide and Nitrogen Oxides - CARB Method 100 or other EPA approved method.

No later than July 1, 1999, the permittee shall install, operate at all times and maintain a continuous emissions monitoring system(CEMS) for the determination of carbon monoxide, nitrogen oxides and oxygen from the boiler. The CEMS shall be operated in conformance with 40 CFR, Part 60, Appendix B, Performance Specifications, and Appendix F, Quality Assurance Procedures[Regulation 1, Rule 240(d)].

Monitoring shall be conducted in accordance with 40 CFR Part 60.13 unless a more restrictive requirement is contained in the permit.

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. The permittee shall maintain data on the operation of the boiler which shall include the temperature, pressure and flow of steam production[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86

and reissued on 5/30/90 and 9/24/91].

B. The permittee shall maintain records of opacity 6-minute averages[40 CFR 60.49b(f)].

C. The permittee shall report all occurrences of excess emissions to the District in accordance with the timing requirements of Regulation 1, Rule 540, Equipment Breakdown[Regulation 1, Rule 240(d)].

D. Beginning July 1, 1999 a monthly report of the daily and monthly averages of carbon monoxide, nitrogen oxides, and oxygen emissions shall be submitted to the District with the monthly monitoring report required in General Provisions section F.6.[Regulation 1, Rule 240(d)].

E. The permittee shall maintain records of the hourly, daily and monthly averages for carbon monoxide, nitrogen oxides, and oxygen beginning July 1, 1999[Regulation 1, Rule 240(d)].

F. The permittee shall maintain diesel oil fuel usage information in order to calculate the annual capacity factor[40 CFR 60.49b(d)].

G. The permittee shall maintain a log of the nitrogen content of the diesel oil received as fuel for the boiler. Nitrogen content shall be measured using the most current ASTM method, by methods approved by the District, or as certified by the supplier[40 CFR 60.44b(k)].

H. The permittee shall maintain a log of the amount, type of paper, date and time of any paper wastes burned in the boiler.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The boiler shall be fired only with wood wastes, diesel oil and paper wastes. Wood waste means sawmill or lumber wastes, or vegetation which are not treated with any chemicals. Painted wood is allowable provided that the paint is tested for lead. Lumber painted with lead based paints shall not be burned in the boiler. Paper wastes means newspaper, cardboard and any other paper excluding mixed paper from magazines or junk mail, or glossy paper waste. Paper waste use may not exceed 1 ton per day and must be less than 10% of the volume of the wastes burned in the boiler in a hour[Regulation 1, Rule 240(d)].

B. The steam production from the boiler shall not exceed 150,000 pounds per hour, or in excess of 370,000 pounds per hour total for Boiler A, Boiler B and Boiler C on a monthly average basis[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

C. The permittee shall continuously operate and maintain an electrostatic precipitator on the exhaust of the boiler[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

D. The permittee shall not combust diesel oil with a nitrogen content greater than 0.30% by weight[40CFR 60.44b(k)].

E. The annual capacity factor for diesel oil shall not exceed 10% for a calendar year[40 CFR 60.44b(k)]. This equates to a limitation of 1.47 million gallons of diesel oil per calendar year. The annual capacity factor for diesel oil is determined by dividing the actual heat input to the steam generating unit during the calendar year from the combustion of diesel oil, by the potential heat input to the steam generating unit if the steam generating unit had been operated for 8,760 hours at the maximum design heat input capacity[40 CFR 60.43b(e)].

(3) Permit Number - **NS-076(Steam Generator).**
Name - Boiler C

I. BASIC EQUIPMENT - The permittee operates a 150,000 pounds steam per hour (235 million Btu/hr heat input) boiler manufactured by Riley Stoker Company. A 90 million Btu/hr diesel oil burner is used to supply heat for startups.

II. CONTROL EQUIPMENT - Particulate matter is controlled with multiple cyclones followed by an electrostatic precipitator manufactured by General Electric Co. The unit has three separate transformer/rectifier fields and a collection plate area of 42,120 sq.ft. Two of the fields are rated at 50 KVA and one at 35 KVA. A forced overfire air system is utilized to help control gaseous emissions.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading - The permittee shall not discharge particulate matter into the atmosphere in excess of 0.04 pounds per million Btu of heat input[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

2. Visible emissions - The permittee shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The opacity standard applies at all times except during periods of startup, shutdown, or malfunction[40 CFR 60.43b(f)[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

B. Carbon Monoxide - The permittee shall not discharge carbon monoxide into the atmosphere in excess of 0.60 pounds per million Btu of heat input on a 24-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

C. Nitrogen Oxides - The permittee shall not discharge nitrogen oxides (as nitrogen dioxide) into the atmosphere in excess of 0.15 pounds per million Btu of heat input on a 24-hour average basis[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - CARB Method 5 or other EPA approved method.

The permittee shall be required to have particulate matter from the boiler tested once per calendar year. If the compliance test result is less than one-half the permitted limit, then the next year compliance test may be waived by the District[Regulation 1, Rule 240(d)].

2. Visible Emissions - The permittee shall operate at all times a continuous opacity monitoring system(COMS)[40 CFR 60.48b(a)].

a. 40 CFR 60, Appendix B, Performance Specification 1 shall be the basis for the operation of the COMS[40 CFR 60.49b(b)].

3. **Carbon Monoxide and Nitrogen Oxides** - The permittee shall install, operate at all times and maintain a continuous emissions monitoring system(CEMS) for the determination of carbon monoxide, nitrogen oxides and oxygen from the boiler[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86 and reissued on 5/30/90 and 9/24/91].

The CEMS shall be operated in conformance with 40 CFR, Part 60, Appendix B, Performance Specifications, and Appendix F, Quality Assurance Procedures[Regulation 1, Rule 240(d)].

Monitoring shall be conducted in accordance with 40 CFR Part 60.13 unless a more restrictive requirement is contained in the permit.

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. The permittee shall maintain data on the operation of the boiler which shall include the temperature, pressure and flow of steam production[Regulation 1, Rule 220(b) Authority to Construct dated 12/2/86

and reissued on 5/30/90 and 9/24/91].

B. The permittee shall maintain records of opacity 6-minute averages[40 CFR 60.49b(f)].

C. The permittee shall report all occurrences of excess emissions to the District in accordance with the timing requirements of Regulation 1, Rule 540, Equipment Breakdown[Regulation 1, Rule 240(d)].

D. Beginning July 1, 1999 a monthly report of the daily and monthly averages of carbon monoxide, nitrogen oxides, and oxygen emissions shall be submitted to the District with the monthly monitoring report required in General Provisions section F.6.[Regulation 1, Rule 240(d)].

E. The permittee shall maintain records of the hourly, daily and monthly averages for carbon monoxide, nitrogen oxides, and oxygen[Regulation 1, Rule 240(d)].

F. The permittee shall maintain diesel oil fuel usage information in order to calculate the annual capacity factor[40 CFR 60.49b(d)].

G. The permittee shall maintain a log of the nitrogen content of the diesel oil received as fuel for the boiler. Nitrogen content shall be measured using the most current ASTM method, by methods approved by the District, or as certified by the supplier[40 CFR 60.44b(k)].

H. The permittee shall maintain a log of the amount, type of paper, date and time of any paper wastes burned in the boiler.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The boiler shall be fired only with wood wastes, diesel oil and paper wastes. Wood waste means sawmill or lumber wastes, or vegetation which are not treated with any chemicals. Painted wood is allowable provided that the paint is tested for lead. Lumber painted with lead based paints shall not be burned in the boiler. Paper wastes means newspaper, cardboard and any other paper excluding mixed paper from magazines or junk mail, or glossy paper waste. Paper waste use may not exceed 1 ton per day and must be less than 10% of the volume of the wastes burned in the boiler in a hour[Regulation 1, Rule 240(d)].

B. The steam production from the boiler shall not exceed 150,000 pounds per hour, or in excess of 370,000 pounds per hour total for Boiler A, Boiler B and Boiler C on a monthly average basis[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

C. The permittee shall continuously operate and maintain an electrostatic precipitator on the exhaust of the boiler[Regulation 1, Rule 220(b) Authority to Construct dated 1/14/87 and reissued on 4/26/89 and 9/24/91].

D. The permittee shall not combust diesel oil with a nitrogen content greater than 0.30% by weight[40CFR 60.44b(k)].

E. The annual capacity factor for diesel oil shall not exceed 10% for a calendar year[40 CFR 60.44b(k)]. This equates to a limitation of 1.47 million gallons of diesel oil per calendar year. The annual capacity factor for diesel oil is determined by dividing the actual heat input to the steam generating unit during the calendar year from the combustion of diesel oil, by the potential heat input to the steam generating unit if the steam generating unit had been operated for 8,760 hours at the maximum design heat input capacity[40 CFR 60.43b(e)].

B. Mill A

(1) Permit Number - NC-351(Collector).

Name - Planer

I. BASIC EQUIPMENT - Planer used to surface rough cut lumber. May be dry or green cut lumber subject to planing. A 200 HP blower is used to pneumatically convey wood particles to four 54 inch diameter cyclone collectors arranged in parallel. The exhaust air from the collectors is discharged directly to the atmosphere while the wood particles gravity feed to a storage bin.

II. CONTROL EQUIPMENT - None.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of Mill A shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform at least once per permit term a source test by Oregon DEQ Method 8. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(2) Permit Number - **NC-352(Collector).**
Name - Hula Saws

I. BASIC EQUIPMENT - Hula saws in sawmill. A 7.5 HP blower is used to pneumatically convey wood particles to a 36 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - None.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of Mill A shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform at least once per permit term a source test by Oregon DEQ Method 8. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(3) Permit Number - **NC-353(Collector).**
Name - Chop Saws

I. BASIC EQUIPMENT - Chop saws in sawmill. A 15 HP blower is used to pneumatically convey wood particles to a 60 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - None.

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of Mill A shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform at least once per permit term a source test by Oregon DEQ Method 8. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

C. Factory

(1) Permit Number - NC-373(Collector).

Name - System #1

I. BASIC EQUIPMENT - Hog, Bent 1, Bent A, MR-1, MR-2, Bent E Ripsaws. A 300 HP blower is used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(2) Permit Number - **NC-374(Collector).**
Name - System #2

I. BASIC EQUIPMENT - 16-4 band rip, 18-3 resaw, cemco planer, D1 & D2 moulders. One cyclone collector receiving from two blowpipes each with a blower rated at 200 HP. Used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(3) Permit Number - **NC-375(Collector).**
Name - System #3

I. BASIC EQUIPMENT - 4-A-4 heads, 6-12 heads, 6-12 trimsaw, D-1 trimsaw. A 250 HP blower is used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(4) Permit Number - **NC-376(Collector).**

Name - System #4

I. BASIC EQUIPMENT - N-202 trim & matcher, MR3, Diehl, ripsaw, precision trim, MR-3 edger, D-4. One cyclone collector receiving from two blowpipes with one blower rated at 150 HP and the other rated at 200 HP. Used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(5) Permit Number - **NC-377(Collector).**

Name - System #5

I. BASIC EQUIPMENT - Ripsaws, 4-A-4 trim, bent N trimsaw, D-5 matcher and trimsaw, weinig 22-B. One cyclone collector receiving from two blowpipes with one blower rated at 150 HP and the other rated at 200 HP. Used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(6) Permit Number - **NC-378(Collector).**
Name - System #6

I. BASIC EQUIPMENT - 202 matcher, 202 trimsaws, 202 resaws, yates resaw, tuner resaw, D-3. A 250 HP blower is used to pneumatically convey wood particles to a 17 foot, 8 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee

shall stop all pertinent process operations and remove the plug prior to further operation. Such system failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

(7) Permit Number - **NC-401(Collector).**
Name - System #7

I. BASIC EQUIPMENT - MR5 finger joint system. A 60 HP blower is used to pneumatically convey wood particles to a 4 foot, 10 inch diameter cyclone collector. The exhaust air from the collector is discharged directly to the atmosphere while the wood particles gravity feed to a refuse mill conveyor.

II. CONTROL EQUIPMENT - Water injection at fan inlet. Water injection controlled with an Auburn International Triboflow sensor[Regulation 1, Rule 240(d)].

III EMISSIONS LIMITATIONS

A. Particulate Matter

1. Particulate loading -

a. The permittee shall not discharge particulate matter into the atmosphere in excess of 0.20 gr/acf of exhaust gas.

b. All permit units which are a part of The Factory shall not discharge particulate matter in total quantities exceeding 40 lbs/hr.

[Regulation 1, Rule 420(e) adopted 1/19/89 and SIP Rule 420(d)].

2. Visible emissions - see General Provisions, section L.

3. Fugitive Dust - see General Provisions, section L

IV. COMPLIANCE MONITORING

A. The following methods shall be used for determining compliance with the above emissions limitations:

1. Particulate Matter - The permittee shall perform an annual source test by Oregon DEQ Method 8 unless granted an exclusion based upon an engineering evaluation performed by the District. This source test shall be performed at least once per permit term. A contractor shall be hired to perform such a test. An engineering evaluation will be allowed utilizing the District s emission factors for collectors which provides grain loading vs. opacity(Figure I, page 26) in support of a test exclusion. Such exclusion will be granted should the evaluation indicate emissions are less than one-half the allowable particulate matter limit of Section III.A.1.a and less than Section III.A.1.b[Regulation 1, Rule 240].

2. Visible Emissions - Federal Method 9. The permittee shall perform a "Visible Emission Evaluation"(VEE) at least once per quarter while the planer is in operation. A CARB certified contractor or the District shall be hired to perform such an evaluation[Regulation 1, Rule 240(h)].

3. Fugitive Dust - The permittee shall conduct inspections of the basic equipment on a weekly basis(7 day schedule). Data availability from this manual recordkeeping shall be 90% of the actual operating time of the plant.

a. Any notable blow pipe or collector leak of exhaust gas prior to the discharge point to the atmosphere shall be repaired within 3 days upon detection.

b. Wood particles deposited on the roof of any building or elsewhere shall be removed within 3 days upon detection.

[Regulation 1, Rule 240(d)].

V. REPORTING AND RECORDKEEPING - see General Provisions, section F.

A. A log shall be maintained which specifies the initials of the person inspecting the system, date inspected, location of any leak found, and date of repair.

B. No monitoring other than indicated shall be required for this permit unit.

VI. OPERATING CONDITIONS - see General Provisions, section C.

A. The permittee shall not operate the system should the collector(s) become plugged which causes wood particles to be blown to the atmosphere. Once the system is found to be plugged, the permittee shall stop all pertinent process operations and remove the plug prior to further operation. Such system

failures shall be reported to the District in accordance with Rule 540, Breakdown Procedures.

E. Exempt Equipment

Equipment and operations not specifically identified in this permit are not subject to specific federally-enforceable operating conditions or emission limitations. Such equipment and operations are subject to applicable General Provisions of this permit.

GENERAL PROVISIONS

These general provisions apply to all facilities or sources owned or operated by the permittee as detailed in this permit.

A. Fee Payment - The Permittee shall pay an annual permit fee and other fees as required in accordance with Regulation 1, Rule 300 of the District. Failure to pay these fees will result in forfeiture of this Permit to Operate. Operation without a permit subjects the source to potential enforcement action by the District and the US EPA pursuant to section 502(a) of the Clean Air Act as amended in 1990[40 CFR 70.6(a)(7); Regulation 5, Rule 670].

B. Inspection and Entry - Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the District, CARB, EPA or an authorized representative to perform the following:

1. Enter upon the permittee s premises where a regulated facility or emissions-related activity is located or conducted, or where records must be kept under the conditions of this permit.

2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.

3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the conditions of this permit.
[40 CFR 70.6(c)(2); Regulation 5, Rule 610(e)]

C. Facilities Operation

1. Operation under this permit must be conducted in compliance with all data and specifications included in the application which attest to the operator's ability to comply with District Rules and Regulations[Regulation 1, Rule 240(d)].

2. All nonexempt equipment of this permit shall at all times be maintained in good working order and be operated as efficiently as possible to assure compliance with all applicable emission limits[Regulation 1, Rule 240(d)].

3. Operational Limit - This permit is valid for a maximum of 365 days per year at 24 hours per day[Regulation 1, Rule 240(d)].

D. Compliance

1. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action(including monetary civil penalties); for permit termination, revocation and reissuance, or modification; or for denial of an application for reissuance of the permit[40 CFR 70.6(a)(6); Regulation 5, Rule 610(g)].

2. The need to halt or reduce activity is not a defense. It shall not be a defense for a permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit[40 CFR 70.6(a)(6); Regulation 5, Rule 610(g)].

3. A pending permit action or notification of anticipated noncompliance does not stay any permit condition[Regulation 5, Rule 610(g)(5)].

4. The permittee shall furnish to the District, within a reasonable time, any information that the District

may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by this permit[40 CFR 70.6(a)(6)].

5. The permittee shall provide to the District on an annual basis a completed "Compliance Certification" form which certifies the compliance status of the facility, and on a semi-annual basis a monitoring certification form which provides certification of the monthly monitoring reports. The compliance certification and monitoring certification forma must be signed by a responsible company official and contain a statement that the information contained in the report is true, accurate, and complete. A semi-annual compliance certification report shall be submitted to document the compliance schedule of any source out of compliance[40 CFR 70.6(c); Regulation 5, Rules 460 and 610(g)].

6. Emergency events which occur at the permittee s plant which affect compliance with the terms of this permit must be reported to the District in accordance with Regulation 1, Rule 540. Emergency events are normally outside influences over which the permittee has no control[Regulation 5, Rule 460].

E. Severability - If any term or condition of this permit shall for any reason be adjudged by a court of competent jurisdiction to be invalid, such judgment shall not affect or invalidate the remainder of this permit[40 CFR 70.6(a)(5); Regulation 5, Rule 610(h)].

F. Recordkeeping and Reporting

1. The permittee shall retain records of all required monitoring data and support information including the date, place, time and results of any sampling or analysis, the operating conditions at the time of sampling for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and copies of all reports required by this permit[40 CFR 70.6(a)(3)(ii)(B); Regulation 5, Rule 455].

2. The permittee shall report to the District any deviations from these permit requirements, including those attributable to breakdown conditions, the probable cause of the deviations, and any corrective actions or preventive measures taken. Procedures of Regulation 1, Rule 540 shall be followed in the reporting of such deviations. A breakdown log shall be maintained for recordkeeping purposes[40 CFR 70.6(a)(3)(iii)(B); Regulation 5, Rule 460; Regulation 1, Rule 540].

3. The permittee shall report to the District calendar year plant operating information which includes the number of operating days, the amount of steam produced and the amount of diesel oil burned for each boiler[Regulation 1, Rule 240(d)].

4. The permittee shall maintain records of any startup or shutdown, any periods of malfunction of the air pollution control equipment, and any periods during which the CEMS or COMS are inoperative[40 CFR 60.7(b)].

5. The permittee shall submit by February 28th of each year, a combined report to comply with the General Provisions sections D.5 and F.3[Regulation 1, Rule 240(d)].

6. A monthly monitoring report shall be submitted to the District which identifies any deviation from these permit requirements including a summary of those deviations attributable to breakdowns, emergency events, CEMS or COMS malfunctions, emissions exceedances, and reporting or recordkeeping deviations required by this permit[Regulation 1 Rule 240(d)].

G. Transfer of Ownership -In the event of any changes in control or ownership of these facilities, this permit together with its terms and conditions shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, a copy of which shall be forwarded to the District. Such permit transfer shall occur by application through the District[Regulation 1, Rule 240(j)].

H. Reopening for Cause

1. This permit may be modified, revoked, reopened, reissued, or terminated for the following reasons:

   a. Additional requirements under the federal Clean Air Act become applicable to the facility for which three or more years remain on the original term of the permit. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is to expire.

   b. The District or EPA determines that the permit contains a material mistake made in establishing the emissions standards or limitations, or other requirements of the permit.

   c. The District or EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [40 CFR 70.7(f); Regulation 5, Rule570]

2. The reopening of this permit for a change to be implemented for a specific permit unit will be allowed without the need to reopen the entire permit and all permit units. Should a general condition be changed, all the associated permit units affected would be reopened[Regulation 1, Rule 240(d)].

3. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition[40 CFR 70.6(a)(6)].

I. Property Rights - This permit does not convey any property rights of any sort, or any exclusive privilege[40 CFR 70.6(a)(6)].

J. Permit Renewal and Expiration - This permit is effective on the date of issuance and will expire in five years and must be renewed every five years thereafter. Permit expiration terminates the permittee s right to operate unless a timely and complete renewal application is submitted. For renewal of a permit, the designated representative shall submit a complete District application no earlier than 18 months and no later than 6 months before the expiration date of the current permit[40 CFR 70.5(a); Regulation 5, Rule 405(b)].

K. Permit Modification - The permittee shall submit an application for a minor or significant permit modification in accordance with District Regulation 5[40 CFR 70.5(a); Regulation 5, Rule 405].

L. Prohibitions - These limitations apply to all emissions sources at the permittee s facility unless more specific and limiting requirements are listed for a individual permitted emissions unit in this permit.

1. **Public Nuisance** - The permittee shall not discharge such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such persons or the public or which cause or have an natural tendency to cause injury or damage to business or property[H&S 41700].

2. **Visible Emissions** - The permittee shall not discharge into the atmosphere from any source whatsoever any air contaminant for a period or periods aggregating more than three (3) minutes in any one hour which is as dark or darker in shade as that designated as No. 2 on the Ringlemann Chart, as published by the United States Bureau of Mines; or of such opacity as to obscure an observer s view to a degree equal to or greater than Ringlemann 2 or forty (40) percent opacity[Regulation 1, Rule 410(a)].

3. **Fugitive Dust Emissions -** The handling, transporting, or open storage of material in such a manner which allow unnecessary amounts of particulate matter to become airborne, shall not be permitted. Reasonable precautions shall be taken to prevent particulate matter from becoming airborne[Regulation 1, Rule 430].

4. **Sulfur Oxide Emissions** - The permittee shall not discharge into the atmosphere from any single source of emissions whatsoever sulfur oxides, calculated as sulfur dioxide (SO2) in excess of 1,000 ppm[Regulation 1, Rule 440].

5. **Circumvention** - The permittee shall not construct, erect, modify, operate, or use any equipment which conceals an air contaminant emission, which would otherwise constitute a violation of the limitations of this permit, unless the operation or use of said equipment results in a significant reduction in the total emission of air contaminants[Regulation 1, Rule 400(b)].

6. **Regulation 2, Open Burning Procedures** - The permittee shall not ignite or cause to be ignited or suffer, allow or maintain any open outdoor fire for the disposal of rubber, petroleum or plastic wastes, demolition debris, tires, tar paper, wood waste, asphalt shingles, linoleum, cloth, household garbage or other combustible refuse; or for metal salvage or burning of motor vehicle bodies except as provided in Rule 2-102, Exemptions[Regulation 2].

7. **Title VI, Stratospheric Ozone Protection** - The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, and 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

8. **National Emission Standard for Asbestos** - The permittee shall comply with the standards of 40 CFR Part 61 Subpart M which regulates demolition and renovation activities at the power plant as pertaining to asbestos materials.

This permit does not authorize the emission of air contaminants in excess of those allowed by the Health and Safety Code of the State of California or the Rules and Regulations of the North Coast Unified Air Quality Management District as stated in this permit. Any regulation or rule not cited in this permit which may be applicable to a particular emission unit will not be enforceable. This permit cannot be considered as permission to violate existing laws, ordinances, regulation or statutes of other governmental agencies. The violation of any of these terms and conditions shall be grounds for revocation of this permit, and shall be a violation of District Rules and Regulations.

NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT

2300 MYRTLE AVENUE
EUREKA, CALIFORNIA 95501

PHONE (707) 443-3093
FAX (707) 443-3099

DATE:_____

BY:_____

WAYNE MORGAN,

AIR POLLUTION CONTROL OFFICER

Permit Seal

permits/PL5PO